

CLAIMS

1. A working machine comprised of a frame constituting a mobile vehicle body and extending from the front to the rear, a boom apparatus provided for said frame and operated by a plural number of hydraulic boom actuators, a plural number of directional control valves controlling an operation of said boom apparatus by supply or discharge of pressure oil relative to said individual hydraulic actuators, and a plural number of operation levers switching the individual directional control valves in order to control the supply and discharge of pressure oil relative to said individual hydraulic actuators, characterized in that:

10 said operation levers and said directional control valves are mounted to a single bracket to construct a lever/valve assembly, and said lever/valve assembly is mounted to be attachable to or detachable from said frame by use of said bracket which is a constituent of said lever/valve assembly.

15 2. A working machine as defined in claim 1, wherein the base end of said boom apparatus is provided liftably up and down at the rear portion of said frame, a stabilizer apparatus which is to be operated by a hydraulic stabilizer actuator is provided at the front portion of said frame, directional control valves which control said boom hydraulic actuators are located at the rear portion of

1 said bracket in the vicinity of the position whereat said boom
apparatus is mounted, and a directional control valve which
controls said hydraulic stabilizer actuator is located in front
of said bracket in the vicinity of the position whereat said
5 stabilizer apparatus is attached.

10 3. A working machine as defined in claim 1 or 2, wherein a
tilt correction hydraulic cylinder is provided on the front side
of said frame in order to correct the left or right tilting of said
vehicle body, and a directional control valve controlling said tilt
5 correction hydraulic cylinder is located in front of said bracket.

15 4. A working machine as defined in claim 1, wherein said
lever/valve assembly includes an operation transmission member
attached to said bracket and located between said operation levers
and said directional control valves, and said operation
transmission member couples said operation levers with said
directional control valves to transmit the operation force of said
operation levers toward said directional control valves.

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5. A working machine as defined in claim 1, wherein said frame
is constituted by a pair of vertical plates which are separated
to the left and right sides and extend from the front to the rear

directions, and a bottom plate which couples said pair of vertical plates in the left and right directions, and said lever/valve assembly is attached to one of said pair of vertical plates.

5 6. A working machine as defined in claim 5, wherein an operator cab used when manipulating said operation levers is provided for one of said vertical plates to which said lever/valve assembly is attached.

10 7. A working machine as defined in claim 1, wherein a lock mechanism restricting the control of said operation levers is provided for said bracket of said lever/valve assembly.

15 8. A working machine as defined in claim 1, wherein a plural number of link mechanisms having a plural number of support pins are provided for said bracket between each of said operation levers and each of said directional control valves, and said support pins rotatably support a plural number of link members which transmit the operating force of said operation levers to said directional control valves; and

20 said support pins of said individual link mechanisms have an axial length equivalent to a length that permits a plural number of said link members to be inserted in a row in an axial direction,

and are constituted as common support pins used in common to support one or a plural number of said link members.

9. A working machine as defined in claim 1, wherein said
5 bracket constituting of said lever/valve assembly is provided with a plural number of signal output means for outputting signals consonant with manipulation of said individual operation levers, and a plural number of signal transmission means for transmitting signals from said respective signal output means to said
10 directional control valves and for switching said directional control valves individually.